Department of Defense Pollution Prevention Program

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(Environmental Security)

Environmental Security -- Serving Our Future

Today's Topics

- Pollution Prevention Policy & Budget
- Accomplishments
- The Future
  - Pollution Prevention Strategy 2000
  - Trends

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Pollution Prevention Policy

- Education, Training, & Awareness
- Acquisition Practices
- Facilities Management
- Innovative Pollution Prevention Technologies

- Pollution Prevention to Achieve Compliance
- Investments Based on Lifecycle Costs

Pollution Prevention to Achieve Compliance

Environmental Management Hierarchy

- **Source Reduction**
- **Recycle**
- **Treatment**
- **Disposal**

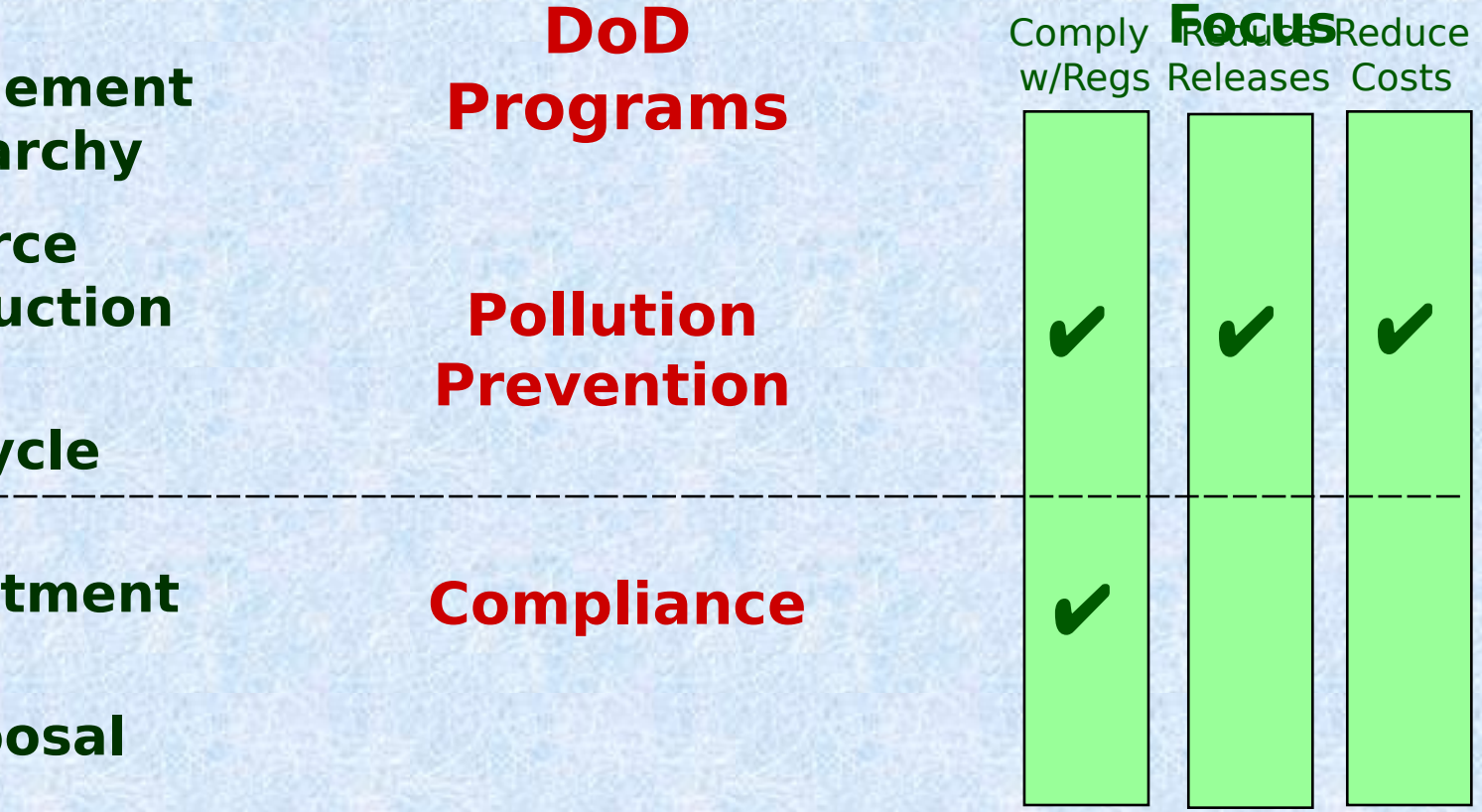
Environmentally Preferable

DoD Programs

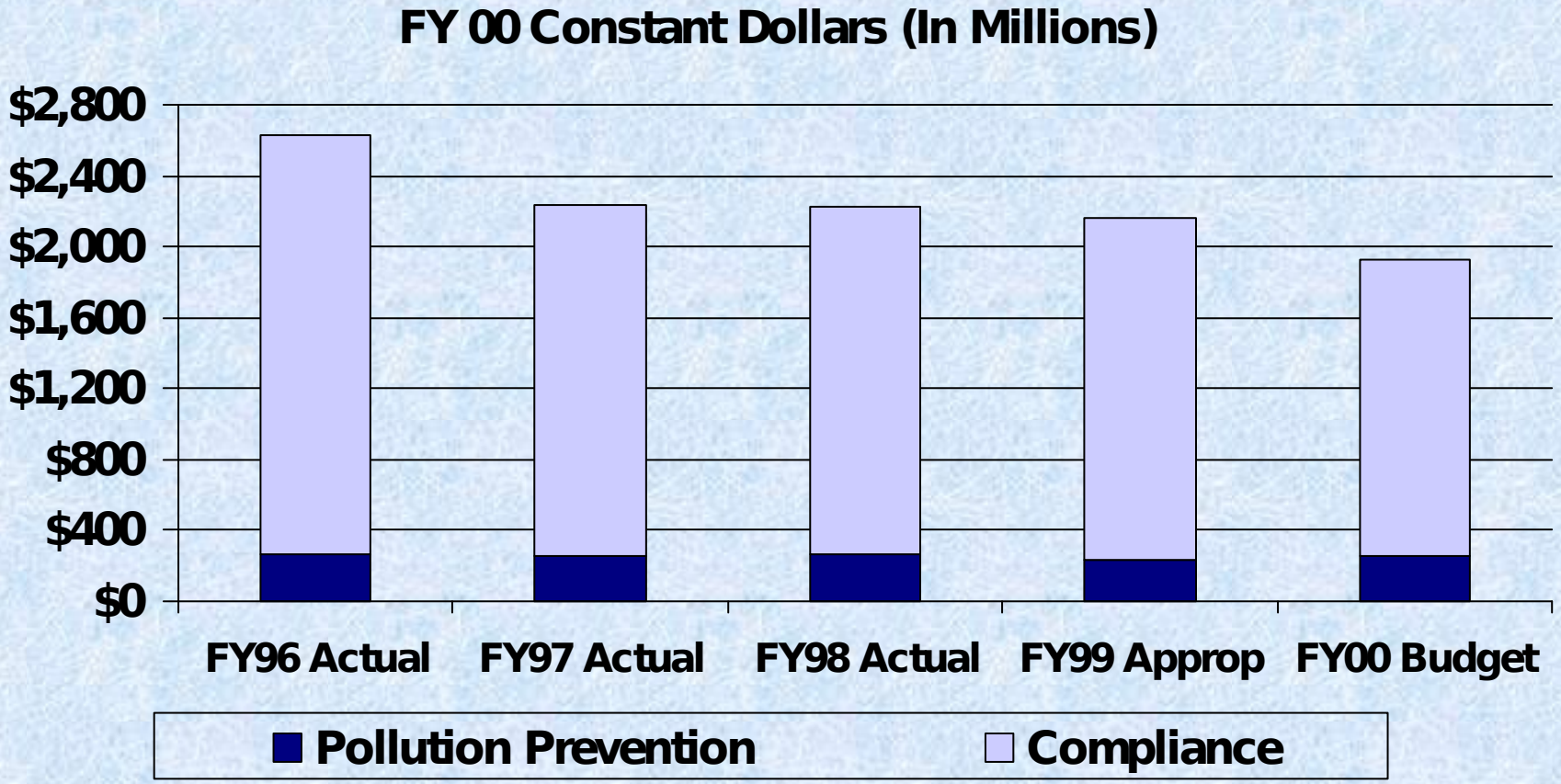
Pollution Prevention

Compliance

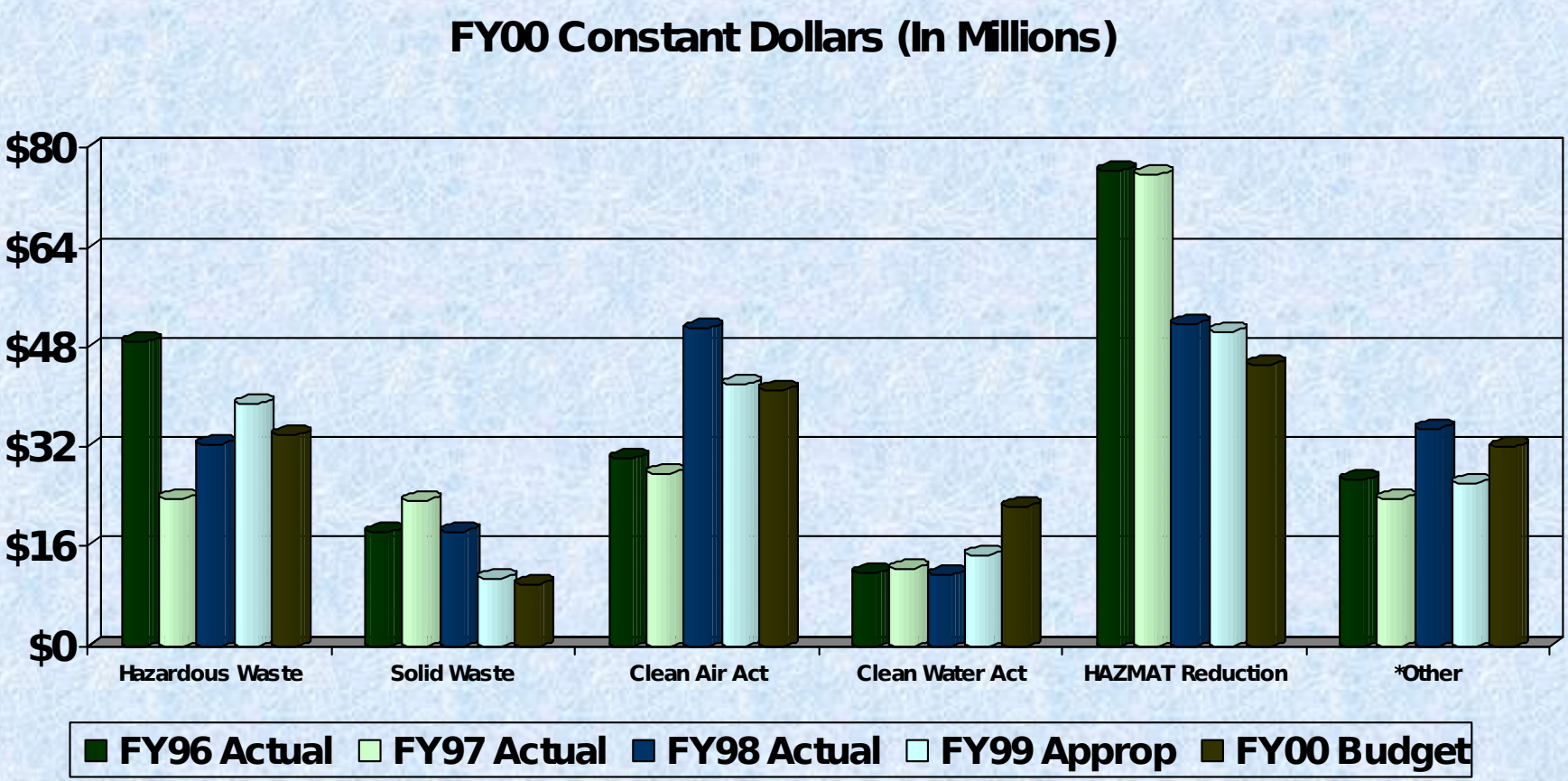
Program Focus



FY 00 President's Budget



Pollution Prevention Investments



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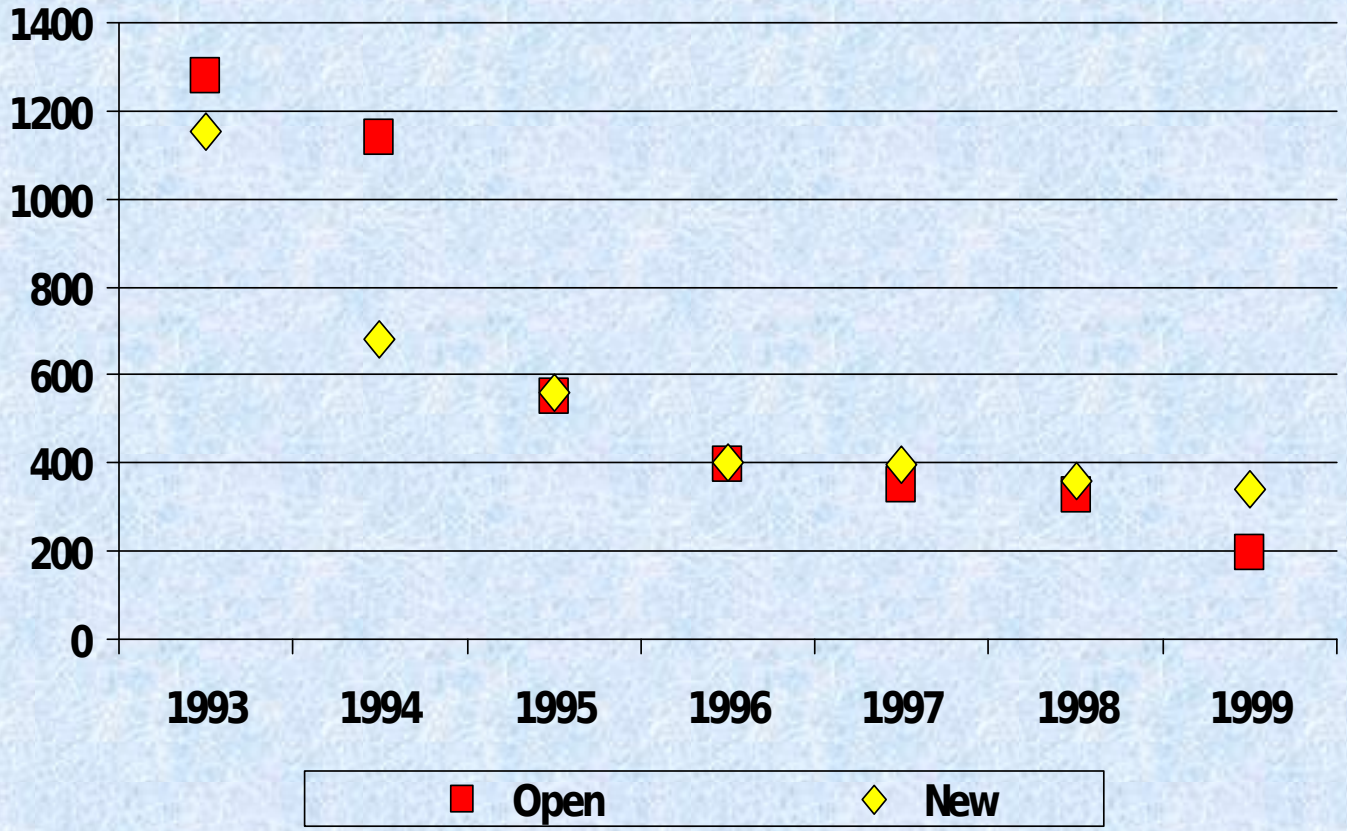
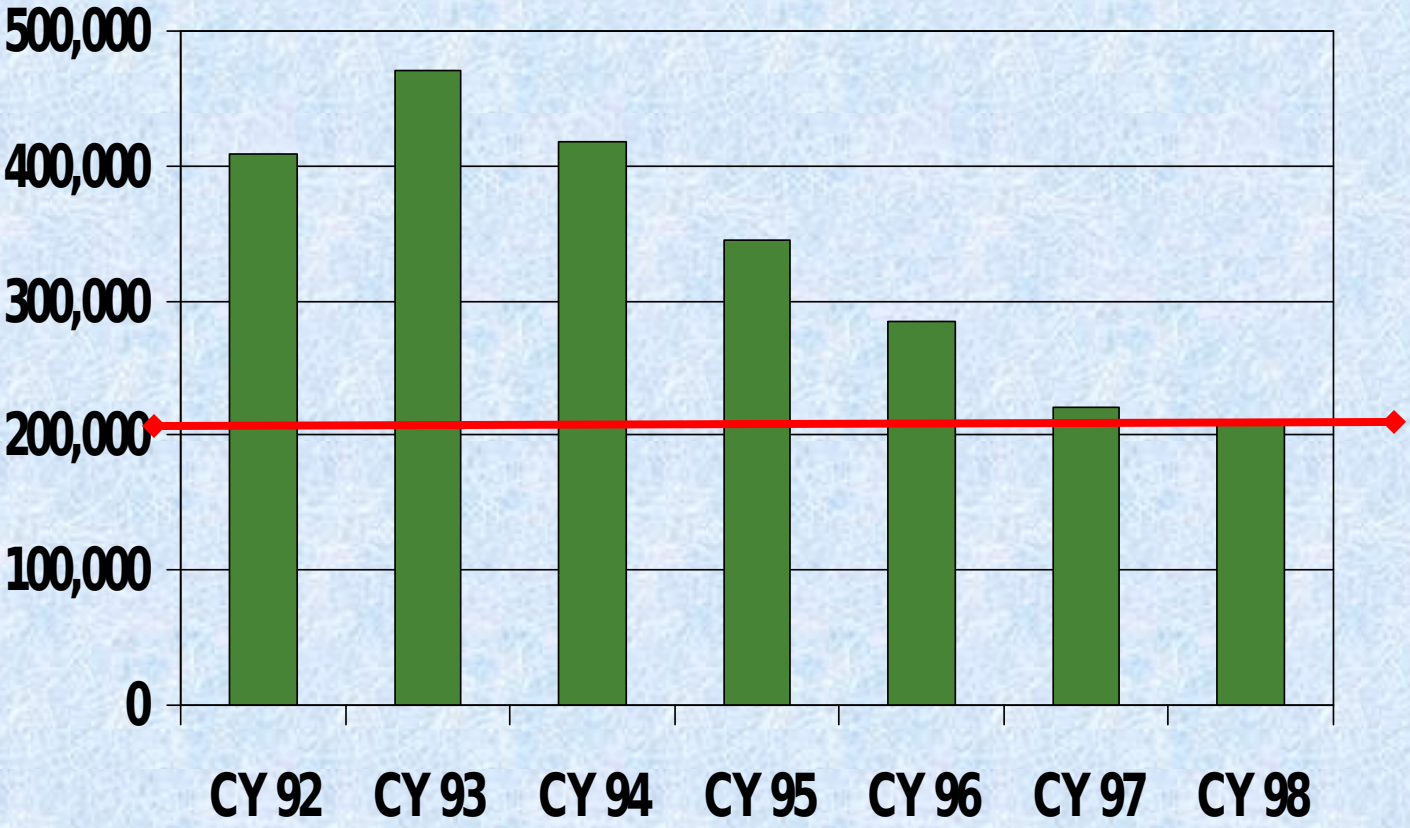
Enforcement Actions



Goal

Full and Sustained Compliance

Hazardous Waste Reduction

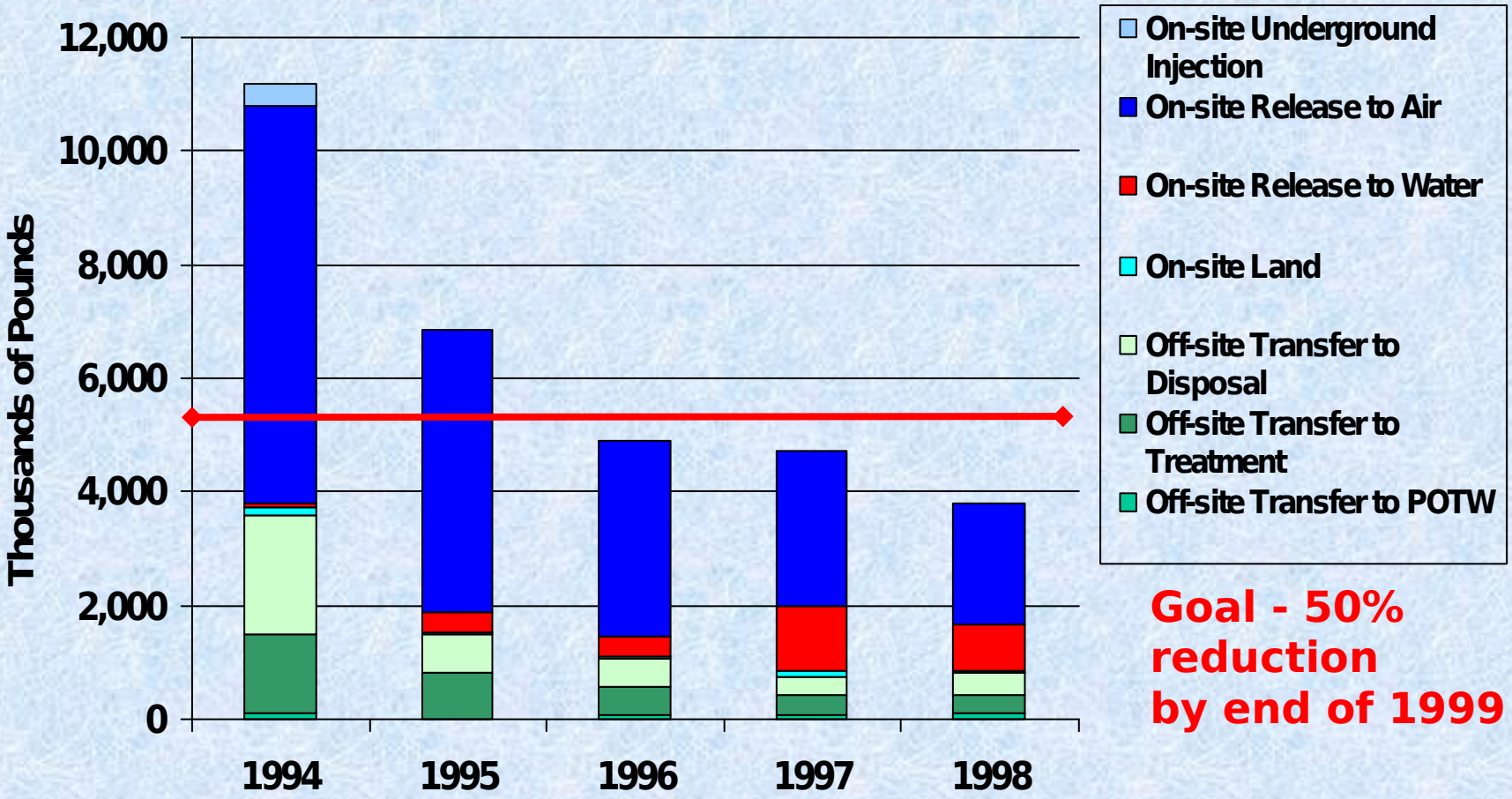


In Thousands of Pounds

Goal

Reduce HW by 50% between 1992 and 1999

Toxic Release Inventory



Goal - 50% reduction by end of 1999

Accomplishments

- **Return on Investment**
  - **From FY96 to FY99, Compliance decreased $587M**
  - **Return on Investment of 55%**
- **Pollution Prevention to Achieve Compliance**
- **Process Improvements and Material Substitution**
- **Partnering**

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Need to Update Our Strategy

- **Existing Strategy Successful**
  - Met Our Goals
  - Reduced Our Liabilities
  - Reduced Our Costs
- **New and Continuing Challenges**
  - Difficult in Obtaining Resources
  - Expiring Metrics
  - New Executive Orders

Pollution Prevention Strategy 2000 Draft Vision Statement

- Actively promote pollution prevention as the “first choice” for achieving and maintaining environmental compliance.
- Lower total ownership costs of DoD systems by eliminating or reducing Environment, Safety, Occupational Health (ESOH) cost drivers by completely integrating pollution prevention philosophies into acquisition, logistics, and field activities.
- Emphasize solutions that demonstrate the best return on investment, based upon life-cycle costs and risks
- We will promote the National Policy of Pollution Prevention within the DoD through effective education, training and outreach, and through the use of innovative technologies and business practices.

New Pollution Prevention Proposed Goals

- Expand Pollution Prevention in all DoD Activities & Operations, including Logistics & Acquisition/Procurement
- Ensure Funding Policies Actively Promote Pollution Prevention
- Instill Pollution Prevention Ethic Through Comprehensive Education, Training, & Awareness in all Mission Areas
- Promote Pollution Prevention Through Outreach & Partnerships with Host Country, Government, Tribal, and Other Public and Private Stakeholders
- Develop, Demonstrate, & Implement Innovative Pollution Prevention Technologies & Business Practices
- Coordinate DoD Position/Policy with Respect to U.S. Global Climate Change Negotiations

Future Trends

- General Tightening of Standards
  - Reductions in Discharge Limits
  - Reductions in Permitted Releases
- More Authority to States & Local Governments
- Focus on Regional Issues
  - Eco-Systems
  - Watersheds

Summary

- **Challenges**
  - Increasing Regulatory Requirements
  - Declining Resources
  - Essential to Partner with Weapon Systems
- **Opportunities**
  - Pollution Prevention to Support Logistics Modernization
  - Best Business Practices
  - Improved Efficiencies

Department of Defense Pollution Prevention Program

Questions?

Presentation will be posted on www.denix.osd.mil